



# CIS/2 to VRML and IFC Translator

- **FREE** Windows and Online versions:  
<http://cic.nist.gov/vrml/cis2.html>
- CIS/2 files are imported and exported by many structural steel software packages for Electronic Data Interchange (EDI) and endorsed by AISC
- 3D VRML models are displayed in a web browser with freely available VRML plugins
- To the left is a screenshot of a VRML model created with the CIS/2 to VRML Translator
- VRML models can be used for collaboration, model checking, work process integration, electronic design review, sales, and marketing with architects, owners, engineers, detailers, fabricators, erectors, contractors, designers
- Share the VRML model and information without needing the originating structural steel software
- VRML model can be converted to other CAD formats
- Translator generates an HTML summary table of all parts, assemblies, materials, bolts, and welds
- IFC (Industry Foundation Classes) are the product data model developed by the International Alliance for Interoperability (IAI) to facilitate interoperability in the building industry
- IFC files generated with the CIS/2 to IFC Translator can be imported into Architectural Desktop and ArchiCAD



**Computer Integrated Building Processes Group**

<http://cic.nist.gov/>

Disclaimer: Any mention of commercial products is for information purposes only; it does not imply recommendation or endorsement by NIST.

# Structural Steel Software Packages

<http://www.cae.civil.leeds.ac.uk/working/information/CIS-2Implementations/>

<http://www.aisc.org/cis2>

<http://www.cis2.org/>

CIS/2  
File



## CIS/2 to VRML and IFC Translator

<http://cic.nist.gov/vrml/cis2.html>

IFC  
File



VRML  
File



## Web Browser with VRML Plugin

<http://cic.nist.gov/vrml/vbdetect.html>

<http://www.web3d.org/>

## IFC Applications

<http://www.bauwesen.fh-muenchen.de/iai/ImplementationOverview.htm>

<http://www.aecbytes.com/feature/IFCmodel.htm>

Below is a sample of a 3D model created by the CIS/2 to VRML Translator. If viewed with Adobe Reader 7.0, you should be able to navigate through the model. Older versions of Adobe Reader will only show a static image.

